

# Tal Sharf

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10779908/publications.pdf>

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9  
papers

243  
citations

1307594  
7  
h-index

1720034  
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g-index

9  
all docs

9  
docs citations

9  
times ranked

550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable graphene field-effect sensors for specific protein detection. Nanotechnology, 2013, 24, 355502.	2.6	56
2	Origins of Charge Noise in Carbon Nanotube Field-Effect Transistor Biosensors. Nano Letters, 2012, 12, 6380-6384.	9.1	42
3	Electrical Monitoring of $sp^3$ Defect Formation in Individual Carbon Nanotubes. Journal of Physical Chemistry C, 2016, 120, 1971-1976.	3.1	40
4	Photothermoelectric Effect in Suspended Semiconducting Carbon Nanotubes. ACS Nano, 2014, 8, 216-221.	14.6	39
5	Single Electron Charge Sensitivity of Liquid-Gated Carbon Nanotube Transistors. Nano Letters, 2014, 14, 4925-4930.	9.1	27
6	Increasing the detection speed of an all-electronic real-time biosensor. Lab on A Chip, 2012, 12, 954.	6.0	18
7	Fabrication and characterization of carbon nanotube field-effect transistor biosensors. Proceedings of SPIE, 2010, , .	0.8	13
8	A spectrally-tunable photocurrent microscope for characterizing nanoelectronic devices. , 2011, , .		4
9	Fabrication of low-noise carbon nanotube field-effect transistor biosensors. , 2011, , .		4